

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/518,382  
Source: PCT  
Date Processed by STIC: 1-13-06

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 01/13/2006

PATENT APPLICATION: US/10/518,382

TIME: 10:44:30

Input Set : A:\263859US0XPCT.txt

Output Set : N:\CRF4\01132006\J518382.raw

3 <110> APPLICANT: SANSON, ALAIN  
 4 OCHSENBEIN, FRANCOISE  
 5 DOLLE, FREDERIC  
 7 <120> TITLE OF INVENTION: LABELLED PEPTIDES HAVING AFFINITY FOR A PHOSPHOLIPID AND  
 USES  
 9 <130> FILE REFERENCE: 263859US0XPCT  
 11 <140> CURRENT APPLICATION NUMBER: 10/518,382  
 12 <141> CURRENT FILING DATE: 2004-12-29  
 14 <150> PRIOR APPLICATION NUMBER: PCT/FR03/02027  
 15 <151> PRIOR FILING DATE: 2003-06-30  
 17 <150> PRIOR APPLICATION NUMBER: FR 02 08204  
 18 <151> PRIOR FILING DATE: 2002-07-01  
 20 <160> NUMBER OF SEQ ID NOS: 14  
 22 <170> SOFTWARE: PatentIn version 3.3  
 24 <210> SEQ ID NO: 1  
 25 <211> LENGTH: 75  
 26 <212> TYPE: PRT  
 27 <213> ORGANISM: Artificial Sequence  
 29 <220> FEATURE:  
 30 <223> OTHER INFORMATION: Synthetic Peptide  
 32 <400> SEQUENCE: 1  
 34 Gly Phe Asp Glu Arg Ala Asp Val Glu Thr Leu Arg Lys Ala Met Lys  
 35 1 5 10 15  
 38 Gly Leu Gly Thr Asp Glu Glu Ser Ile Leu Thr Leu Leu Thr Ser Arg  
 39 20 25 30  
 42 Ser Asn Ala Gln Arg Gln Glu Ile Ser Ala Ala Tyr Lys Thr Leu Phe  
 43 35 40 45  
 46 Gly Arg Asp Leu Leu Asp Asp Leu Lys Ser Glu Leu Thr Gly Lys Phe  
 47 50 55 60  
 50 Glu Lys Leu Val Val Ala Leu Leu Lys Pro Ser  
 51 65 70 75  
 54 <210> SEQ ID NO: 2  
 55 <211> LENGTH: 75  
 56 <212> TYPE: PRT  
 57 <213> ORGANISM: Artificial Sequence  
 59 <220> FEATURE:  
 60 <223> OTHER INFORMATION: Synthetic Peptide  
 62 <400> SEQUENCE: 2  
 64 Asn Phe Asp Ala Glu Arg Asp Ala Leu Asn Ile Arg Lys Ala Ile Lys  
 65 1 5 10 15  
 68 Gly Met Gly Val Asp Glu Asp Thr Ile Val Asn Ile Leu Thr Asn Arg  
 69 20 25 30  
 72 Ser Asn Ala Gln Arg Gln Asp Ile Ala Phe Ala Tyr Gln Arg Arg Thr  
 73 35 40 45

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76 Lys Arg Glu Leu Ala Ser Asp Leu Lys Ser Glu Leu Ser Gly His Leu
77      50                      55                      60
80 Glu Arg Val Ile Leu Gly Leu Leu Lys Thr Ser
81 65                      70                      75
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85 <211> LENGTH: 75
86 <212> TYPE: PRT
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Synthetic Peptide
92 <400> SEQUENCE: 3
94 Asp Phe Ser Pro Ser Val Asp Ala Glu Ala Ile Arg Lys Ala Ile Lys
95 1      5                      10                      15
98 Gly Ile Gly Thr Asp Glu Asp Met Leu Ile Ser Ile Leu Thr Glu Arg
99      20                      25                      30
102 Ser Asn Ala Gln Arg Gln Leu Ile Val Lys Glu Tyr Gln Ala Ala Tyr
103      35                      40                      45
106 Gly Arg Glu Leu Lys Asp Asp Leu Lys Ser Glu Leu Ser Gly His Phe
107      50                      55                      60
110 Glu Arg Leu Met Val Ala Leu Val Thr Pro Ser
111 65                      70                      75
114 <210> SEQ ID NO: 4
115 <211> LENGTH: 75
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Synthetic Peptide
122 <400> SEQUENCE: 4
124 Gly Phe Asn Ala Met Glu Asp Ala Gln Thr Leu Arg Lys Ala Met Lys
125 1      5                      10                      15
128 Gly Leu Gly Thr Asp Glu Asp Ala Ile Ile Ser Val Leu Ala Tyr Arg
129      20                      25                      30
132 Asn Thr Ala Gln Arg Gln Glu Ile Arg Thr Ala Tyr Lys Ser Thr Ile
133      35                      40                      45
136 Gly Arg Asp Leu Ile Asp Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe
137      50                      55                      60
140 Glu Arg Val Ile Val Gly Met Met Thr Pro Ser
141 65                      70                      75
144 <210> SEQ ID NO: 5
145 <211> LENGTH: 75
146 <212> TYPE: PRT
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Synthetic Peptide
152 <400> SEQUENCE: 5
154 Gly Phe Asp Pro Asn Gln Asp Ala Glu Ala Leu Arg Thr Ala Met Lys
155 1      5                      10                      15
158 Gly Phe Gly Ser Asp Glu Glu Ala Ile Leu Asp Ile Ile Thr Ser Arg
159      20                      25                      30

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162 Ser Asn Arg Gln Arg Gln Glu Val Cys Gln Ser Tyr Lys Ser Leu Tyr
163      35      40      45
166 Gly Arg Asp Leu Ile Ala Asp Leu Lys Ser Glu Leu Thr Gly Lys Phe
167      50      55      60
170 Glu Arg Leu Ile Val Gly Leu Met Arg Pro Ser
171 65      70      75
174 <210> SEQ ID NO: 6
175 <211> LENGTH: 75
176 <212> TYPE: PRT
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Synthetic Peptide
182 <400> SEQUENCE: 6
184 Gly Phe Asn Pro Asp Ala Asp Ala Lys Ala Leu Arg Lys Ala Met Lys
185 1      5      10      15
188 Gly Leu Gly Thr Asp Glu Asp Thr Ile Ile Asp Ile Ile Thr His Arg
189      20      25      30
192 Ser Asn Val Gln Arg Gln Gln Ile Arg Gln Thr Phe Lys Ser His Phe
193      35      40      45
196 Gly Arg Asp Leu Met Thr Asp Leu Lys Ser Glu Ile Ser Gly Asp Leu
197      50      55      60
200 Glu Arg Leu Ile Leu Gly Leu Met Met Pro Ser
201 65      70      75
204 <210> SEQ ID NO: 7
205 <211> LENGTH: 75
206 <212> TYPE: PRT
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Synthetic Peptide
212 <400> SEQUENCE: 7
214 Pro Gly Asp Ala Ile Arg Asp Ala Glu Ile Leu Arg Lys Ala Met Lys
215 1      5      10      15
218 Gly Phe Gly Thr Asp Glu Gln Ala Ile Val Asp Val Val Ala Asn Arg
219      20      25      30
222 Ser Asn Asp Gln Arg Gln Lys Ile Lys Ala Ala Phe Lys Thr Ser Tyr
223      35      40      45
226 Gly Arg Asp Leu Ile Lys Asp Leu Lys Ser Glu Leu Ser Gly Asn Met
227      50      55      60
230 Glu Arg Leu Ile Leu Ala Leu Phe Met Pro Ser
231 65      70      75
234 <210> SEQ ID NO: 8
235 <211> LENGTH: 75
236 <212> TYPE: PRT
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Synthetic Peptide
242 <400> SEQUENCE: 8
244 His Phe Asn Pro Asp Pro Asp Val Glu Thr Leu Arg Lys Ala Met Lys
245 1      5      10      15

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248 Gly Ile Gly Thr Asn Glu Gln Ala Ile Ile Asp Val Leu Thr Lys Arg
249           20           25           30
252 Ser Asn Thr Gln Arg Gln Thr Ile Ala Lys Ser Phe Lys Ala Gln Phe
253           35           40           45
256 Gly Arg Asp Leu Thr Glu Asp Leu Lys Ser Glu Leu Ser Gly Lys Leu
257           50           55           60
260 Glu Arg Leu Ile Val Ala Leu Met Tyr Pro Ser
261 65           70           75
264 <210> SEQ ID NO: 9
265 <211> LENGTH: 75
266 <212> TYPE: PRT
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Synthetic Peptide
272 <400> SEQUENCE: 9
274 Gly Phe Asp Pro Leu Arg Asp Ala Glu Val Leu Arg Lys Ala Met Lys
275 1           5           10           15
278 Gly Phe Gly Thr Asp Glu Gln Ala Ile Ile Asp Cys Leu Gly Ser Arg
279           20           25           30
282 Ser Asn Lys Gln Arg Gln Gln Ile Leu Leu Ser Phe Lys Thr Ala Tyr
283           35           40           45
286 Gly Arg Asp Leu Ile Lys Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe
287           50           55           60
290 Glu Lys Thr Ile Leu Ala Leu Met Lys Thr Ser
291 65           70           75
294 <210> SEQ ID NO: 10
295 <211> LENGTH: 75
296 <212> TYPE: PRT
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Synthetic Peptide
302 <400> SEQUENCE: 10
304 Gly Phe Asp Val Asp Arg Asp Ala Lys Lys Leu Arg Lys Ala Met Lys
305 1           5           10           15
308 Gly Met Gly Thr Asn Glu Ala Ala Ile Ile Glu Ile Leu Ser Gly Arg
309           20           25           30
312 Thr Ser Asp Glu Arg Gln Gln Ile Lys Gln Lys Tyr Lys Ala Thr Tyr
313           35           40           45
316 Gly Arg Glu Leu Glu Glu Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe
317           50           55           60
320 Glu Lys Thr Ala Leu Ala Leu Leu Asp Arg Ser
321 65           70           75
324 <210> SEQ ID NO: 11
325 <211> LENGTH: 79
326 <212> TYPE: PRT
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: Synthetic Peptide
333 <220> FEATURE:

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TIME: 10:44:30

Input Set : A:\263859US0XPCT.txt

Output Set: N:\CRF4\01132006\J518382.raw

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334 <221> NAME/KEY: MISC_FEATURE
335 <222> LOCATION: (22)..(22)
336 <223> OTHER INFORMATION: Xaa = Leu, Met, or Trp
338 <220> FEATURE:
339 <221> NAME/KEY: MISC_FEATURE
340 <222> LOCATION: (34)..(34)
341 <223> OTHER INFORMATION: Xaa = Thr or Lys
343 <220> FEATURE:
344 <221> NAME/KEY: MISC_FEATURE
345 <222> LOCATION: (45)..(45)
346 <223> OTHER INFORMATION: Xaa = Ser or Lys
348 <220> FEATURE:
349 <221> NAME/KEY: MISC_FEATURE
350 <222> LOCATION: (48)..(48)
351 <223> OTHER INFORMATION: Xaa = Phe or Tyr
353 <220> FEATURE:
354 <221> NAME/KEY: MISC_FEATURE
355 <222> LOCATION: (50)..(50)
356 <223> OTHER INFORMATION: Xaa = Thr or Glu
358 <220> FEATURE:
359 <221> NAME/KEY: MISC_FEATURE
360 <222> LOCATION: (63)..(63)
361 <223> OTHER INFORMATION: Xaa = Gly or Lys
363 <220> FEATURE:
364 <221> NAME/KEY: MISC_FEATURE
365 <222> LOCATION: (69)..(69)
366 <223> OTHER INFORMATION: Xaa = Glu or Lys
368 <220> FEATURE:
369 <221> NAME/KEY: MISC_FEATURE
370 <222> LOCATION: (71)..(71)
371 <223> OTHER INFORMATION: Xaa = Glu or Leu
373 <400> SEQUENCE: 11
375 Gly Ser Gly Cys Gly Phe Asp Glu Arg Ala Asp Val Glu Thr Leu Arg
376 1 5 10 15
W--> 379 Lys Ala Met Lys Gly Xaa Gly Thr Asp Glu Glu Ser Ile Leu Thr Leu
380 20 25 30
W--> 383 Leu Xaa Ser Arg Ser Asn Ala Gln Arg Gln Glu Ile Xaa Ala Ala Xaa
384 35 40 45
W--> 387 Lys Xaa Leu Phe Gly Arg Asp Leu Leu Asp Asp Leu Lys Ser Xaa Leu
388 50 55 60
W--> 391 Thr Gly Lys Phe Xaa Lys Xaa Val Val Ala Leu Leu Lys Pro Ser
392 65 70 75
395 <210> SEQ ID NO: 12
396 <211> LENGTH: 78
397 <212> TYPE: PRT
398 <213> ORGANISM: Artificial Sequence
400 <220> FEATURE:
401 <223> OTHER INFORMATION: Synthetic Peptide
403 <400> SEQUENCE: 12

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/518,382

DATE: 01/13/2006  
TIME: 10:44:31

Input Set : A:\263859US0XPCT.txt  
Output Set: N:\CRF4\01132006\J518382.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; Xaa Pos. 22,34,45,48,50,63,69,71

Seq#:13; Xaa Pos. 25,37,48,51,53,66,72,74

Seq#:14; Xaa Pos. 29,41,52,55,57,70,76,78

**VERIFICATION SUMMARY**

DATE: 01/13/2006

PATENT APPLICATION: US/10/518,382

TIME: 10:44:31

Input Set : A:\263859US0XPCT.txt

Output Set: N:\CRF4\01132006\J518382.raw

L:379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16  
L:383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:32  
L:387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:48  
L:391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:64  
L:480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:16  
L:484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:32  
L:488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:48  
L:492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:64  
L:555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:16  
L:559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:32  
L:563 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:48  
L:567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:64